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! FINDPATTERNS on geneseqp: \* allowing 0 mismatches

	- F	macunes allowing o missing cones			
! Using p	patterns from:	om: kol447.dat February 9, 2007 16:29		ADO34336 ck: 3007 len: 18 ! Ado3433	6 Synthetic apolipoprotein-E mimic
ko1447	AD034231	<pre>ck: 3010 len: 18  ! Ado34231 Synthetic apolipoprotein-E mimicki (G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T (G) (I)RR(F) (L) (G) (S) (I) (W)R(F) (I)R</pre>	ko1447	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F) (G)(I)RR(F)(L)(G)(S)(I)(W)R(I)(F)R 1: GIRRFLGSIWRIFR AFYG	, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G [I] (F) R
	ä	GIRRFLGSIWRFIR AFYG		ADO34338 ck: 2998 len: 18 ! Ado34338	8 Synthetic apolipoprotein-E mimic
ko1447	AD034334	ck: 3037 len: 18 ! Ado34334 Synthetic apolipoprotein-E mimicki (G,T,S,A) (I,L,M,F,P,W,Y,V) RR (I,L,M,F,P,W,Y,V) (G,T,S,R) (I,L,M,F,P,W,Y,V) (G,T,S,R)	ko1447	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y)(G)(L)RR(F)(I)(G)(S)(I)(W)R(F)(I)R GLRRFIGSIWRFIR AFYG	, L,M, F, P,W,Y,V) (I, L,M,F,P,W,Y,V) (G F) (I)R
	1:	GFRILGSFWRIFR AIYG		ADO34341 ck: 3028 len: 18 ! Ado34341	1 Synthetic apolipoprotein-E mimic
ko1447	AD034354		ko1447	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I (G)(I)RR(F)(L)(G)(S)(F)(W)R(: 1: GIRRFLGSFWRIFR AIYG	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G) (G) (I)RR(F) (L) (G) (S) (F) (W)R(I) (F)R GIRRELGSFWRIFR AIYG
	; ;	(G) (L) RR(F) (L) (G) (S) (I) (W) R(F) (L) R GLRRFLGSIWRFLR AFYG		ADO34352 ck: 3076 len: 18 ! Ado34352	2 Synthetic apolipoprotein-E mimic
ko1447	ADO34373	ck: 8199 len: 14 ! Ado34373 Synthetic apolipoprotein-E mimicki (G,I,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,I	ko1447	(G, T, S, A) (I, L, M, F, P, W, Y, V) RR (I, (G) (1) RR (F) (L) (G) (S) (L) (W) R (I) GIRRFLGSLWRFLR AFYG	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G) (G) (I)RR(F)(L) (G) (S) (L) (W)R(F) (L)R (G)
	1:	G) LJKK(F) (I) (G) (S) (I) (W) R(I) (F) R GIRRFYGSIWRIFR		ADO34379 ck: 8208 len: 14 ! Ado34379	9 Synthetic apolipoprotein-E mimic
ko1447	ADO34382	ck: 8222 len: 14 ! Ado34382 Synthetic apolipoprotein-E mimicki (G,T,S,A) (I,L,M,F,P,W,Y,V) RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G) (G) (G) (S) (T) (W) R(F) (G) (S) (T) (W) R(F) (L) R	ko1447	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F, (G)(L)RR(F)(Y)(G)(S)(I)(W)R(F)(I)R 1: GLRRFYGSIWRFIR	, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G F) (I) R
	;;	GIRRYFGSIWRFLR		ADO34380 ck: 8229 len: 14 ! Ado34380	0 Synthetic apolipoprotein-E mimic
ko1447	ADO34368	Ck: 8268 len: 14 ! Ado34368 Synthetic apolipoprotein-E mimicki (G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T,M,F,P,W,Y,V)	ko1447	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M, (G)(I)RR(F)(Y)(G)(S)(L)(W)R(F)(I) 1: GIRRFYGSLWRFIR	, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G F) (I) R
	:. #	GIRRFYGSLWRFLR		ADO34383 ck: 8210 len: 14 ! Ado34383	3 Synthetic apolipoprotein-E mimic
ko1447	ADO34381	<pre>ck: 8183 len: 14 ! Ado34381 Synthetic apolipoprotein-E mimicki (G.T.S.A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,I) (G) (I)RR(Y) (F) (G) (S) (I) (W)R(F) (I)R</pre>	ko1447	(G.T,S.A) (I,L,M,F,P,W,Y,V)RR(I, (G) (I)RR(Y) (F) (G) (S) (L) (W)R(F 1: GIRRYFGSLWRFIR	(G, T, S, A) (I, L, M, F, P, W, Y, V) RR(I, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G) (G) (I) RR(Y) (F) (G) (S) (L) (W) R(F) (I) R GIRRYFGSLWRFIR
	;;	GIRRYFGSIWRFIR		ADO34390 ck: 8226 len: 14 ! Ado34390	Synthetic apolipoprotein-E mimic
ko1447	ADO34391	ck: 8199 len: 14 ! Ado34391 Synthetic apolipoprotein-E mimicki (G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T) (G) (S) (S) (S) (S) (R) (R) (R) (R) (R) (R) (R) (R) (R) (R	ko1447		(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G) (G) (F)RR(L) (Y) (G) (S) (I) (W)R(F) (I)R (F) (I)R
	:: <b>-</b>	GIRREYGSIWRIFR		ADO34228 ck: 3010 len: 18 ! Ado34228	Synthetic apolipoprotein-E mimic
ko1447	ADO34427	<pre>ck: 8180 len: 14 ! Ado34427 Synthetic apolipoprotein-E mimicki (G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V)(I,L,M,F,P,W,Y,V)(G,T) (G)(I)RR(Y)(F)(G)(S)(I)(W)R(I)(F)R</pre>	kol447	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I, (G) (I)RR(F) (L) (G) (S) (I) (W)R(F 1: GIRRFLGSIWRFIR AFYG	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G) (G) (I)RR(F) (L) (G) (S) (I) (M)R(F) (I)R
	 <del></del>	GIRRYFGSIWRIFR	7	ADO34236 ck: 3010 len: 18 ! Ado34236	Synthetic apolipoprotein-E mimic
ko1447	ADO34225	ck: 3010 len: 18 ! Ado34225 Synthetic apolipoprotein-E mimicki (G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (G,T,S,A) (I,L,M,F,P,W,Y,V) (G,T,S,A)	ko1447	(G,T,S,A)(I,L,M,F,P,W,Y,V)RR(I,L,M,P,P,W,Y,V)(I,L,M,F,P,W, (G)(I)RR(F)(L)(G)(S)(1)(W)R(F)(I)R 1: GIRREGSIWRFIR AFYG	L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G ') (I)R
	1:	(G)(I)RR(F)(L)(G)(S)(I)(W)R(F)(I)R GIRRFLGSIWRFIR AFYG	7	ADO34340 ck: 3031 len: 18   Ado34340	! Ado34340 Synthetic apolipoprotein-E mimic

·			-	GPRR11.GSIWRFIR APYG
ko1447		(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T	;	4
	1:	(G) (L) KK (F) (L) (G) (S) (L) (W) K (F) (L) K GIRRFIGSIWRFLR AFYG	AD034234	ck: 8202 len: 14 ! Ado34234 Synthetic apolipoprotein-E mimic
	AD034356	ck: 8202 len: 14 ! Ado34356 Synthetic apolipoprotein-E mimicki	ko1447	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G)(I)R(R)(Y)(G)(S)(I)(W)R(F)(I)R GIDDWAGTWBFTD
ko1447		(G, T, S, A) (I, L, M, F, P, W, Y, V) RR (I, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G, T) (G) (1) RR (F) (Y) (G) (S) (1) (W) R(F) (1) R	 •	
	1:	GIRRFYGSIWRFIR	AD034244	ck: 3136 len: 18 ! Ado34244 Synthetic apolipoprotein-E mimic
	ADO34364	ck: 8241 len: 14 ! Ado34364 Synthetic apolipoprotein-E mimicki	ko1447	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G) (G) (I)RR(F)(L) (G) (A) (I) (W)R(F) (I)R (G)
ko1447	1:	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T (G) (I)RR(F) (Y) (G) (S) (I) (W)R(F) (L)R GIRRFYGSIWRFLR	AD034417	ck: 8210 len: 14   Ado34417 Synthetic apolipoprotein-E mimic
	AD034419	ck: 8198 len: 14 ! Ado34419 Synthetic apolipoprotein-E mimicki	kol447	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G) (I)RR(Y)(F)(G) (S) (L) (W)R(F) (I)R GIRRYFGSLWRFIR
ko1447	1:	(G, T, S, A) (I, L, M, F, P, W, Y, V) RR(I, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G, T (G) (I) RR(Y) (F) (S) (G) (L) (W) R(F) (I) R (G) (I) RRYFSGLWRFIR	ADO34337	ck: 3019 len: 18 ! Ado34337 Synthetic apolipoprotein-E mimic
	AD034227	. ck: 2959 len: 18 ! Ado34227 Synthetic apolipoprotein-E mimicki	kol447 1:	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G) (I)RR(F)(L)(G)(S)(F)(W)R(I)(I)R GIRRFLGSFWRIIR AFYG
ko1447	1:	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T (G) (I)RR(F) (L) (G) (S) (I) (W)R(F) (I)R GIRRFLGSIWRFIR AFVG		ck: 2996 len: 18   Ado34343 Synthetic apolipoprotein-E mimic
	AD034344	ck: 2867 len: 18   Ado34344 Synthetic apolipoprotein-E mimicki	kol447 1:	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G) (I)RR(F) (L) (G) (S) (I) (Y)R(F) (I)R GIRRFLGSIYRFIR AFWG
ko1447	н ::	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T (G) (I)RR(F) (Y) (G) (S) (I) (W)R(F) (I)R GIRRFYGSIWRFIR AFLG	AD034342	ck: 3061 len: 18 ! Ado34342 Synthetic apolipoprotein-E mimic
	AD034372	ck: 8211 len: 14 ! Ado34372 Synthetic apolipoprotein-E mimicki		(G, T, S, A) (I, L, M, F, P, M, Y, V) RR (I, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G) (G) (G) (S) (F) (W) R(I) (I) R
ko1447	÷	(G, T, S, A) (I, L, M, F, P, W, Y, V) RR (I, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G, T (G) (F) RR (I) (Y) (G) (S) (I) (W) R (F) (I) R (G)	1: AD034360	GFARFLUGSFWRIIR AIIG Ck: 8274 len: 14 ! Ado34360 Synthetic apolipoprotein-E mimic
		_	ko1447	) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,) RR(F) (Y) (G) (S) (L) (W)R(F) (L)R
ko1447	1:	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T (G) (I)RR(I) (L) (G) (S) (F) (W)R(F) (F) (F) (F) (F) (G) (G) (G) (G) (G) (G) (G) (G) (G) (G	1: ADO34426	GLRRFYGSLWRFLR ck: 8214 len: 14 ! Ado34426 Synthetic apolipoprotein-E mimic
	AD034339	ck: 2998 len: 18 ! Ado34339 Synthetic apolipoprotein-E mimicki	ko1447	(G, T, S, A) (I, L, M, F, P, M, Y, V) RR (I, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G) (F) RR (L) (Y) (S) (G) (I) (W) R(F) (I) R
ko1447	 ત્ન	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T) (G) (L)RR(F) (I) (G) (S) (I) (W)R(F) (I)R (E) (I)R GERREIGSIWRFIR AFYG	1: ADO34241	GFRKLISGIWKFIK Ck: 2998 len: 18 ! Ado34241 Synthetic apolipoprotein-E mimic
	AD034233	ck: 3010 len: 18   Ado34233 Synthetic apolipoprotein-E mimicki	kol447 1:	.(G,T,S,A) (I,L,M,F,P,W,Y,V) RR (I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G) (I) RR(F) (L) (S) (G) (I) (W) R (F) (I) R GJRRFLSGIWRFIR AFYG
ko1447	1:	(G, T, S, A) (I, L, M, F, P, W, Y, V) RR (I, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G, T (G) (I) RR (F) (L) (G) (S) (I) (W) R (F) (I) R (G) (I) R GIRRFLGSIWRFIR AFYG	ADO34418	ck: 8228 len: 14 ! Ado34418 Synthetic apolipoprotein-E mimic
	AD034335	ck: 3019 len: 18   Ado34335 Synthetic apolipoprotein-E mimicki	ko1447	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G) (L)RR(Y) (G) (S) (I) (W)R(F) (L)R
ko1447		(G, T, S, A) (I, L, M, F, P, W, Y, V) RR (I, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G, T (G) (F) RR (I) (L) (G) (S) (I) (W) R (F) (I) R	<b>.</b>	סרונא זו ססד שאן דוץ

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ADO34350 ck: 3064 len: 18 ! Ado34350 Synthetic apolipoprotein-E mimicki	(G, T, S, A) (I, L, M, F, P, W, Y, V) RR (I, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G, T (G) (L) RR (F) (I) (G) (S) (L) (W) R(F) (L) R GLRRFIGSLWRFLR AFYG	ck: 8241 len: 14 ! Ado34378 Synthetic apolipoprotein-E mimicki	(G, T, S, A) (I, L, M, F, P, W, Y, V) RR(I, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G, T (G) (I) RR(F) (Y) (G) (S) (I) (W) R(F) (L) R GIRRFYGSIWRFLR	ADX96509 ck: 8299 len: 671 ! Adx96509 Plant full length insert polypepti	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,W,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T (A) (L)RR(L) (V) (A) (A) (L) (P)R(L) (P)R ALRRLVAALPRLPR AGEVA	ck: 750 len: 646 ! Ady07006 Plant full length insert polypepti	(G,T,S,A) (I,L,M,F,P,W,Y,V)RR(I,L,M,F,P,W,Y,V) (I,L,M,F,P,W,Y,V) (G,T (A) (L)RR(L) (V) (A) (L) (P) R(L) (P) R ALRRLVAALPRLPR AGEVA
ADO34350	н :	AD034378	1:	ADX96509	63: RRDНА	ADY07006	37: RRDHA
	ko1447		ko1447		ko1447		ko1447

Databases searched: EMBL, Release 8.0, Released on 4Apr2006, Formatted on 29Apr2006

457,216,429 2,589,679 32:07.06 Total finds: Total length: Total sequences: CPU time:

! FINDPATTERNS on pir: \* allowing 0 mismatches

! Using patterns from: kol447.dat February 9, 2007 16:28 ..

Databases searched: NBRF, Release 80.0, Released on 31Dec2004, Formatted on 21Jun2005

Total finds: Total length: Total sequences: CPU time:

0 96,216,763 283,416 05:41.52

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! FINDPATTERNS on uniprot: * allowing 0 mismatches
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! Using patterns from: kol447.dat February 9, 2007 16:28 ..

Q6KA74\_ORYSA ck: 7693 len: 633 ! Q6ka74 oryza sativa (japonica cultivar-grou

(G, T, S, A) (I, L, M, F, P, W, Y, V) RR (I, L, M, F, P, W, Y, V) (I, L, M, F, P, W, Y, V) (G, T (S) (L) RR (L) (V) (A) (G) (L) (P) R (L) (P) R SLRRLVAGLPRLPR AGEVA

23: RRDHA

ko1447

Databases searched: UNIPROT, Release 7.2, Released on 7Mar2006, Formatted on 7Mar2006

925,015,592 2,849,598 56:34.48 Total finds: Total length: Total sequences: CPU time: